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stopping virtual machine monitor

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System for recovery from a **virtual machine monitor** failure with a continuous guest dispatched to a nonquest mode

T Inoue, H Umeno, S Tanaka, T Yamamoto, T ... - US Patent ..., 1995 - Google Patents

... on a real or bare **machine**. The **virtual machine** storage may be destructed, resulting in **stopping** of the system is provided with a **virtual machine monitor** operation of the entire system. (VMM) for controlling the **virtual machines** ...[Cited by 73](#) - [Related articles](#) - [All 2 versions](#)ReVirt: Enabling intrusion analysis through **virtual-machine** logging and replay

GW Dunlap, ST King, S Cinar, MA Basrai, ... - ACM SIGOPS ..., 2002 - portal.acm.org

... is identical or similar to the physical hardware (CPU, memory, disks, network card, **monitor**, keyboard, mouse ... can use this ability to run new guest commands to probe the **virtual machine** state. For exam- ple, the administrator can **stop** the replay after a suspi- cious point and use ...[Cited by 433](#) - [Related articles](#) - [BL Direct](#) - [All 32 versions](#)[\[PDF\] from psu.edu](#)Terra: A **virtual machine**-based platform for trusted computing

T Garfinkel, B Pfaff, J Chow, M Rosenblum, ... - ACM SIGOPS ..., 2003 - portal.acm.org

... Terra achieves this synthesis by use of a trusted **virtual machine monitor** (TVMM) that partitions a tamper-resistant hardware platform into multiple, isolated **virtual machines** (VM), providing the appearance of multiple boxes on a single, general-purpose platform. ...[Cited by 536](#) - [Related articles](#) - [BL Direct](#) - [All 96 versions](#)[\[PDF\] from psu.edu](#)Live migration of **virtual machines**

C Clark, K Fraser, S Hand, JG Hansen, E Jul ... - Proceedings of the ..., 2005 - portal.acm.org

... In particular the narrow interface be- tween a virtualized OS and the **virtual machine monitor** (VMM) makes it easy avoid ... are iteratively copied from the source **machine** to the destination host, all without ever **stopping** the execution of the **virtual machine** being migrated. ...[Cited by 557](#) - [Related articles](#) - [All 68 versions](#)[\[PDF\] from psu.edu](#)Rethinking the design of **virtual machine** monitors

A Whitaker, RS Cox, M Shaw, SD Gribble - Computer, 2005 - ieeexplore.ieee.org

... Services such as vir- tual **machine** replay⁸ and fault tolerance⁹ require precise timing information for nonde- terministic events such as timer interrupts. • Controlling **virtual machines**. Developers can use µDenali's programmatic API to start, **stop**, and kill **virtual machines**. ...[Cited by 30](#) - [Related articles](#) - [All 6 versions](#)A **virtual machine** time-sharing system

RA Meyer, LH Seawright - IBM Systems Journal, 1970 - portal.acm.org

... The user can **stop** his **virtual machine** at any time by depressing the ATTN key on his console and request dis- play of ... The Cambridge **Monitor** System is a single-user, conversational operating system, capable of running on a real **machine** as well as on a **virtual machine**. ...[Cited by 115](#) - [Related articles](#) - [All 6 versions](#)**Virtual** workspaces in the grid

K Keahey, I Foster, T Freeman, X Zhang, D ... - Euro-Par 2005 Parallel ..., 2005 - Springer

... Software running on the host, called **virtual machine monitor** (VMM) or hypervisor, is responsible for supporting the perception of multiple isolated machines by intercepting and ... A VMM typically also provides an interface allowing a client to start, pause or **stop** multiple guests. ...[Cited by 147](#) - [Related articles](#) - [BL Direct](#) - [All 21 versions](#)[\[PDF\] from psu.edu](#)Debugging operating systems with time-traveling **virtual machines**

ST King, GW Dunlap, PM Chen - Proceedings of the annual ..., 2005 - portal.acm.org


... Why do computers **stop** and what can be done about it? ... 26. Jeremy Sugerman , Ganesh Venkitachalam , Beng-Hong Lim, Virtualizing I/O Devices on VMware Workstation's Hosted **Virtual Machine Monitor**, Proceedings of the General Track: 2002 USENIX Annual Technical ...[Cited by 142](#) - [Related articles](#) - [All 45 versions](#)[\[HTML\] from unix.org](#)Optimizing the migration of **virtual computers**

CP Sapuntzakis, R Chandra, B Pfaff, J ... - ACM SIGOPS ..., 2002 - portal.acm.org

... Both ballooning programs explicitly write some zeros to each allocated page so as to **stop** both OSes from map- ping the allocate pages to a single zero copy-on-write page. ... VMware **Virtual Process Machine** (one per capsule) Shim C-library Local RPC ...[Cited by 273](#) - [Related articles](#) - [BL Direct](#) - [All 54 versions](#)[\[HTML\] from unix.org](#)Fault tolerant computer system with shadow **virtual processor**

FB Schneider, B Lampson, E Baikovich, D ... - US Patent ..., 1996 - Google Patents

... computer 104 is reliably informed 20 whenever a hardware fault in the primary computer 102 causes that computer to **stop** working and ... 1). The copies of the buffered interrupts are delivered in the form of messages to the backup computer, and the **virtual machine monitor** in the ...[Cited by 54](#) - [Related articles](#) - [All 4 versions](#) [Create email alert](#)

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